

ALEKSANDROV, N.I.; GEFEN, N.Ye.; KREYNIN, L.S.; YEGOROVA, N.B.;  
MASLOV, A.I. (Moskva)

Some problems in the theoretical and experimental elaboration of a  
method for aerosol vaccination. Zdrav. Ros. Feder. 5 no. 4:10-13 Ap  
'61. (MIRA 14:4)  
(AEROSOLS) (COMMUNICABLE DISEASES--PREVENTION) (VACCINATION)

ALEKSANDROV, N.I.; GEFEN, N.Ye.; YEGOROVA, N.B.; KREYNIN, L.S.; SERGEYEV,  
V.M.; MASLOV, A.I.; SMIRNOV, M.S.; KRAKH, S.V.; BUDAK, A.P.;  
GEFEN, G.Ye.

Development of a method for aerosol immunization against typhoid  
fever and dysentery. Voen.-med. zhur. no.5:54-59 My '61.

(MIRA 14:8)

(TYPHOID FEVER) (DYSENTERY) (AEROSOLS)

KREYNIN, L.S.

Method for determining the protective properties of sera.  
A table for finding the value of PD<sub>50</sub> and the limits of  
its fluctuations. Zhur. mikrobiol., epid. i immun. 33 no.2:  
70-73 F '62. (MIRA 15:3)  
(SERUM) (IMMUNITY)

ZHDANOV, V.M.; RITOVA, V.V.; GEFEN, N.Ye.; ZHUKOVSKIY, A.M.;  
BERLYANT, M.L.; YEVSTIGNEYEVA, N.A.; YEGOROVA, N.B.; KREYNIN,  
L.S.; LEONIDOVA, S.L.; SERGEYEV, V.M.; SMIRNOV, M.S.

Comparative study of intranasal and aerosol methods of  
vaccination against influenza. Zhur. mikrobiol., epid. i  
immun. 33 no.11:63-67 N '62. (MIRA 17:1)

1. Iz Instituta virusologii imeni Ivanovskogo AMN SSSR.

ACC NR: AP7003024

SOURCE CODE: UR/0109/66/011/005/0954/0958

AUTHOR: Proklov, V. V. Kreyzin, O. L; Morozov, A. I.; Bondarenko, V. S.

ORG: none

TITLE: Ultrasonic converters based on the CdS depletion layer [This paper presented at All-union conference on new directions of research in the field of absorption, reinforcement, generation and reception of sonic and ultrasonic vibrations in solid bodies and utilization of these effects in acoustics and radiotechnology held in Moscow from 22 to 23 June 1965]

SOURCE: Radiotekhnika i elektronika, v. 11, no. 5, 1966, 954-958

TOPIC TAGS: thin film circuit, frequency characteristic

ABSTRACT: In an investigation of cadmium sulphide ultrasonic transducers with depletion layers, analysis was made of the effect of transducer geometry and resistivity on the smoothness of the amplitude-frequency characteristic, the insertion loss, and the bandwidth.

N-type single-crystal thin CdS films with a normal resistivity of 0.5—2 ohm·cm were used. MV—000 copper was vacuum deposited ( $10^{-5}$  mm Hg) on the working surface. The copper was allowed to

UDC: 534.232.45-8

Card 1/5

ACC NR: AP7003024

diffuse into the surface of the CdS films under a constant temperature of 400°C. The diffusion time was changed in the range from 2 to 30 minutes, depending on the required transducer center frequency (5—100 Mc).

The test setup consisted of a pulse generator modulating an rf source with 1—10  $\mu$ sec pulses. The rf signal was applied to 1) an attenuator in tandem with an hf amplifier, detector, and oscilloscope, and 2) an LC impedance matching unit followed by the CdS transducer being tested and the associated delay medium. The scope display in each case consisted of two pulses: 1) an input pulse to the CdS transducer, and 2) a pulse which was converted to an ultrasonic signal delayed and reflected in the delay medium (fused quartz glass 8 cm long), and converted back to electrical rf energy. The distance between two consecutive pulses was equal to the round-trip delay through the medium, and the height of two pulses supplied information on transducer losses.

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ACC NR: AP7003024

The figure shows test results of typical transducers: one with crystal faces parallel to each other, the other with one side slanted. In the first (curve 1), a  $6 \times 6 \times 1.5$  mm transducer was tested in

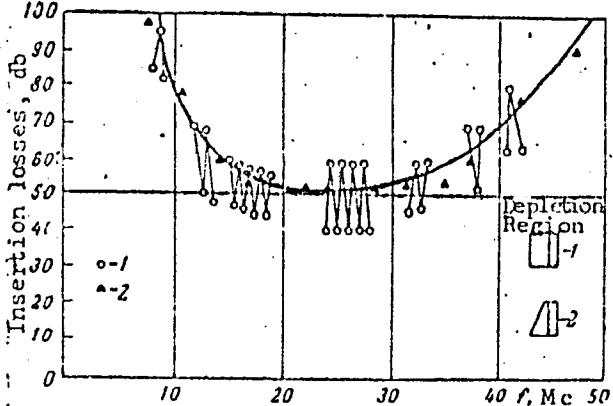


Fig. 1. Amplitude-frequency characteristics of a transverse mode CdS-25 transducer, thickness  $d = 0.15$  cm  
1 - Parallel working faces; 2 - slanted working faces.

the transverse mode at a fundamental frequency of 26 Mc. The ripple, whose period was 580 kc, corresponded to the ultrasonic wave round-trip transit time through the CdS material. Curve 2 was smooth but

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ACC NR: AP7003024

had a minimum insertion loss 12 db greater than in the first case. This curve was obtained by slanting one surface of the CdS material or by utilizing a fully absorbing matched load for the transducer.

To investigate the effect of base material resistivity on the transducer operation, longitudinal mode transducers with  $10^{-3}$  ohm-cm material were tested. The amplitude-frequency plot of such a transducer (parallelepiped shaped) exhibited a 5 Mc period ripple (2.5 Mc had been expected). This is explained by the fact that the whole crystal acts as a half-wave ultrasonic converter (its thickness in this case was 0.87 mm). The minimum insertion loss was 26 db at 23 Mc. The use of matched absorbing loads did not alleviate the situation.

The table, which shows representative test results of CdS transducers with depletion layers, indicates that ultrasonic delay lines with considerable bandwidth and insertion losses of the order of 50 db are realizable. Trade-off between bandwidth and insertion loss is possible

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ACC NR: AP7003024

Table 1. Test results for CdS transducers with depleted layers

Mode	Electromechanical coupling constant	Ratio between acoustic resistivity of transducer and delay medium	Fundamental transducer frequency, Mc	Band-pass, %	Total losses in double conversion and propagation through fused quartz glass 8 cm long db
Transverse	0.188	1.005	16	40	53
			38	53	65
			75	15	50
			25	12*	34*
Longitudinal	0.262	1.64	22.8 40	34 30	53 45

\* Data when fixed narrowband tuning was utilized.  
 The authors thank S. G. Kalashnikov for his interest in this work.  
 Orig. art. has: 4 figures and 1 table. [FSB: v. 2, no. 7]

SUB CODE: 09 / SUBM DATE: 19Jul65 / ORIG REF: 001 / OTH REF: 008  
 Card 5/5

KREYNIN, R.G.; LAVROV, V.I.

Machining rolling mill rolls together with their blocks. Metallurg  
no.12:26 D '56. (MIRA 10:1)

1. Starshiy master val'tsetokarnoy masterskoy (for Kreynin). 2. Briga-  
dir slesarey sortoprokatnogo tsakha Chelyabinskij metallurgicheskiy  
zavod (for Lavrov).

(Rolls (Iron mills))

L 43633-66 EMT(d)/EWP(1) LJP(c) BB/GG  
ACC NR: AP6030573

SOURCE CODE: UR/0413/66/000/0167005570055

INVENTOR: Kreyzin, S. I.; Lashevskiy, R. A.; Maksimov, M. N.; Radkina, N. V.;  
Khavkin, V. Ye.; Skvortsov, A. M.; Norkin, L. M.

ORG: none

TITLE: Memory device. Class 21, No. 184935

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 55

TOPIC TAGS: computer memory, computer storage device

ABSTRACT: This Author Certificate introduces a word-organized memory consisting of multiaperture ferrite plates, and a magnetic decoder with transformers using multiaperture ferrite plates (see Fig. 1). To increase both the speed and capacity

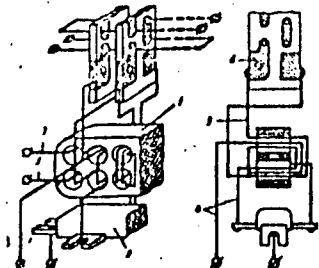


Fig. 1. Memory device

1 - Ferrite plate; 2 - diode matrix;  
3 - bias winding; 4 - excitation winding;  
5 - output winding; 6 - printed winding.

Card 1/2

UDC: 681.142.07

L 43883-66

ACC NR: AP6030573

and to reduce the required power, the magnetic decoder contains a diode matrix of integral planar structures with a number of p-n junctions equal to the number of addresses in the device. Orig. art. has: 1 figure. [JR]

SUB CODE: 09 / SUMB DATE: 20May65 / ATD PRESS: 5075

Card 2/2 mjs

L 16419-66 ENT(d)/EPF(n)-2/EMP(l) IJP(c) BE/QG  
ACC NR: AP6006387 SOURCE CODE: UR/0413/66/000/002/0118/0118

INVENTOR: Staros, F. G.; Berg, I. V.; Kreynin, S. I.; Lashevskiy, R. A.; Maksimov, M. N.; Tamarchenko, N. G.; Shenderovich, Yu. I.; Yevstegneyev, M. I.; Bekker, Ya. M.

ORG: none

TITLE: Storage device, Class 42, No. 178178

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 118

TOPIC TAGS: storage device, computer circuit, microelectronic device

ABSTRACT: The proposed storage device (see Fig. 1) utilizes multiple-aperture ferrite plates and contains number plates and a decoder plate. To facilitate manufacture and microminiaturization of the device, the number conductor, which is printed on the number plate, is connected to a conductor passing through the

Card 1/2

UDC: 681.142

Z

L 16419-66  
ACC NR: AP6006387

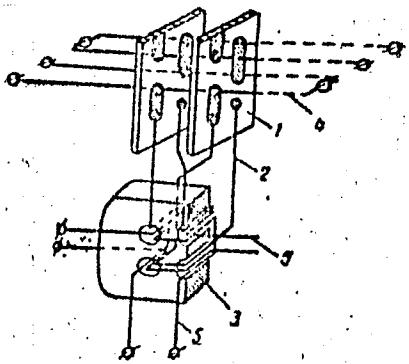


Fig. 1. Storage device

1 - Number plate; 2 - output winding; 3 - decoder plate;  
4 - digit winding; 5 - decoder crossbar winding.

two apertures of the decoder; the number plates together with the decoder plate are mounted in a holder which is filled with a thermosetting compound. Orig. art.  
has: 1 figure.

[DW]

SUB CODE: 09/ SUBM DATE: 25Jan65/ ATD PRESS: 4205

Card 2/25M

KREYNIN, V.M. LT. COL.

PA 50157

USSR/Medicine - Skin, Diseases  
Medicine - Penicillin

Dec 1947

"Treatment of Pyococcic Infection of the Skin with  
Penicillin," Lt Col V. M. Kreyzin, Med Corps, 4 pp

"Voyenno-Medits Zhur" No 12

First use of penicillin as local application by  
Mashkilleyson. Kreyzin presents results of treatment  
given to more than 156 patients at the clinic of the  
Moscow Garrison. Found to be the most effective  
prophylaxis when applied locally or rectally. Average  
daily dose: 600,000 Oxford units in aqueous solution.  
Average 700,000-unit dose per day sufficient to speed  
cure of carbuncles and furuncles. Penicillin emulsion  
found to be most effective for curing pyoderma.

50157  
IO

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000826430

KREYMIN, V.M., kand.med.neuk (Moskva)

Purulent skin diseases. Med.sestra 16 no.8:10-14 Ag '47. (MIRA 10:12)  
(SKIN--DISEASES)

APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000826430C

KREVNIN, V.M.

25998 Krevnin, V.M. Erythema Chronicum Migrans Kn. v. 6, 10 v. v. Lechenay.  
Penitsillinom. Sbornik Nauch. Rabot Lecheb. Uchreshdeniy Leksk. Vozen.  
Okr. Gor'kiy, 1948, S. 286-89.

SO: Letopis' Zhurnal Statey, No. 30 Moscow 1948

KREYNIN, Lt. Col V.M.

60/49184

USSR/Medicine - Penicillin  
Medicine - Erythema

Nov/Dec 48

"Successful Treatment of Erythema Chronicum,  
Migrans, Annulare, With Penicillin," Lt Col  
V. M. Kreynin, Med Corps, Mosco Garrison Poly-  
clinic, 1 p

"Vest Venerol i Dermatol" No 6

A total of 800,000 units were given in 4 days.  
About 3 weeks later, no pathological degeneration  
of the skin was observed. Pathogenesis of this  
disease is still uncertain, but diseases of sim-  
ilar infectious origin seemed to be effectively  
treated with penicillin.

FDD

60/49184

KREYNIN, V. M.

"Medical Treatment of Furunculosis and 'Hydro-tenita' With Penicillin and Immunobiological Preparations in Polyclinical Practice." Sub 5 Jun 51, Central Inst for the Advanced Training of Physicians.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55.

KREYNIN, V.N.; SAMSONOVA, A.P.

Treating alopecia areata with ultraviolet irradiation of the cervical sympathetic ganglia and the affected areas. Sov.med. 21 Supplement:  
17-18 '57.  
(MIRA 11:2)

1. Iz polikliniki No.12 Moskovskogo garnizona.  
(BALDNESS)  
(ULTRAVIOLET RAYS--PHYSIOLOGICAL EFFECT)

KREYNIN, V.M.; BARANOV, A.A.; SAMSONOVA, A.P. (Moskva)

Treatment of chronic eczema by ultraviolet irradiation of the centers  
of lesion and galvanization of the peripheral zone. Vop. kur., fizioter.  
i lech. fiz. kul't. 27 no.1:65-66 '62. (MIRA 15:5)

1. Iz kozhnogo otdeleniya (nachal'nik - kand.med.nauk V.M.Kreynin)  
i fizioterapevticheskogo otdeleniya (zav. A.P. Samsonova), polikliniki  
No.12 (nachal'nik K.K.Morozov).

(ULTRAVIOLET RAYS--THERAPEUTIC USE) (ECZEMA)  
(ELECTROPHORESIS) (BROMINE--THERAPEUTIC USE)

Name : KREYNIN, YA. L.  
Dissertation : On aggregates effectively distinguishable  
from all aggregates  
Degree : Cand Phys-Math Sci  
Defended At : Min Education HSFSSR, Moscow State  
Pedagogical Inst imeni V. I. Lenin  
Publication Date, Place : 1956, Moscow  
Source : Knizhnaya Letopis' No 6, 1957

KREYNIN, Ya.L. (Simferopol')

Sets, effectively different from all  $F$  sets. Mat.sbor. 38 no.2:  
129-148 F '56. (MLRA 9:5)  
(Aggregates)

AUTHOR: Kreynin, Ya.L. 20-118-2-8/60

TITLE: On a Property of Sets Which are Effectively Different  
From all  $\emptyset$  - Sets (Ob odnom svoystve mnozhestv, effektivno  
otlichnykh ot vsekh  $\emptyset$  - mnozhestv)  
SSSR

PERIODICAL: Doklady Akademii Nauk, 1958, Vol 118, Nr 2, pp 237-238 (USSR)

ABSTRACT: The notion of a set which is effectively different from all  
 $\emptyset$  - sets was introduced by the author [Ref 4] (analogous to  
Novikov [Ref 1,2]). With the notations of [Ref.4] a further  
property of such sets is proved: Let  $R$  be a metric space,  
 $\emptyset$  a  $\delta$ -operation subject to certain special conditions,  
 $T \subset R$  effectively different from all  $\emptyset$  - sets of  $R$ . Then  
there exist sets  $E_1 \subset T$  and  $E_2 \subset R - T$  with the following  
properties:  
a.) There exist discontinua  $D_1$ ,  $D_2$  with  $E_1 \subset D_1$  and  
 $E_2 \subset D_2$   
b.)  $E_1$  and  $E_2$  are absolute  $G_\delta$   
c.)  $E_1$  can be separated from  $R - T$  and  $E_2$  from  $T$  by no  
absolute  $F_\sigma$  - set. There are 4 Soviet references.

Card 1/2

On a Property of Sets Which are Effectively Different From all  $\emptyset$  - Sets 20-118-2-8/60

ASSOCIATION: Krymskiy gosudarstvennyy pedagogicheskiy institut imeni M.V. Frunze (Crimea State Pedagogical Institute imeni M.V. Frunze)

PRESENTED: July 5, 1957, by S.L. Sobolev, Academician

SUBMITTED: July 3, 1957

AVAILABLE: Library of Congress

Card 2/2

KREYNIN, YA.L.

20-3-5/59

AUTHOR:

KREYNIN, Ya.L.

TITLE:

On Perfect Compact Kernels of Sets Being Effectively Different  
From all  $\Phi$ -Sets (O sovershennykh kompaktnykh yadrakh mnozhestv,  
effektivno otlichnykh ot vsekh  $\Phi$ -mnozhestv)

PERIODICAL: Doklady Akademii Nauk, 1958 ,Vol.118, Nr.3, pp.436-438 (USSR)

ABSTRACT: The author considers the existence problem of a perfect compact kernel in projective sets in a form determined by the notion of the effective distinctness (for the effective distinctness see [Ref.1-3] and Kreyzin in Doklady Akademii Nauk, 1958, Vol.118, Nr.2, 237-238). He shows that in the sets  $T_\Phi$  being effectively distinct from projective sets the existence of a perfect compact kernel can be concluded with set theoretical considerations. Let  $\Phi$  be an arbitrary  $\mathcal{G}_s$ -operation with the following property: to every number  $n_0$  there exists a finite or infinite chain  $\{n_1, n_2, \dots\}$  of the operation  $\Phi$  such that  $n_0 < n_1 < n_2 < \dots$ . Let the metric space  $R$  contain sets being effectively different from all  $\Phi$ -sets. Theorem: Let  $T$  ( $T \subset R$ ) be effectively different from all  $\Phi$ -sets of  $R$ . To every  $\Phi$ -set  $M$ ,  $M \subset T$ , there exists a discontinuum  $D$

Card 1/2

On Perfect Compact Kernels of Sets Being Effectively Different 20-3-5/59  
From all  $\Phi$ -Sets

which is contained in T and which does not intersect with M:  
DCT.(R-M).  
A similar theorem holds for a further differently defined  $\Phi$ .  
A third theorem concerns the general properties generated by  
effective distinctness. From it there follows that the  
measurability and the property of Baire do not belong to these  
general properties of the effective distinctness.  
3 Soviet references are quoted.

ASSOCIATION: Crimean State Pedagogical Institute im.M.V.Frunze (Krymskij  
gosudarstvennyy pedagogicheskiy institut im.M.V.Frunze)

PRESENTED: By S.L.Sobolev, Academician, 5 July 1957

SUBMITTED: 3 July 1957

AVAILABLE: Library of Congress

Card 2/2

KREYNIN, Ya.L.

SF-nuclei of sets effectively different from F-sets.

Dokl. AN SSSR 165 no.4:752-755 D '65.

(MIRA 18:12)

1. Submitted April 13, 1965.

GAEZHLERSON, A. I. & KIRYUN, Y. N. I. LUDVAKOV, B. M. I. ZVEMOV, E. G.  
The change in the specific gravity of petroleum in the process of oil  
field development. Geol. nefti i gaza 9 no.4:57-61 AP 1966. (MIRA 18:8)  
D. Neftepromyslovoe upravleniye Kirgizstana.

PALATNIK, G.G.; KERIMOVA, A.A.; KREYNIN, Ye.P.

Determining the oil and gas saturation factor of the rocks of the  
Kirmaki series based on a study of the Binagady and Chakhnaglyar  
oil fields. Izv. vys. ucheb. zav.; neft' i gaz 8 no.4:13-15 '65.  
(MIRA 18:5)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

S/035/62/000/008/016/090  
A001/A101

3,14/10

AUTHORS:

Kreynin, Ye. I., Polozhentsev, D. D., Terent'yev, N. M.

TITLE:

On calculating visible positions of stars for the Soviet Latitude Service by means of analytical electronic computers

PERIODICAL:

Referativnyy zhurnal, Astronomiya i Geodeziya, no. 8, 1962, 20,  
abstract 8A155 (In collection: "Predvarit. rezul'taty issled.  
kolebaniy shirot i dvizheniya polyusov Zemli, no. 2", Moscow,  
AN SSSR, 1961, 132 - 136; English summary)

TEXT: The authors describe the methods of calculating ephemeris of visible declinations for the stars of the latitude program of the Pulkovo Observatory for 1959.0 - 1961.5. A T5M tabulator was used for calculating mean positions (with allowance for annual variations of refraction and curvature of parallels). The third-degree polynomial for conversion of mean coordinates to a new equinox was transformed into a recurrent formula by means of which  $\delta_0$  are computed by the cyclical procedure for many years to come. Using an analogous procedure also reduction magnitudes (small letters) for all pairs were calculated for many years

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Card 1/2

S/035/62/000/008/016/090  
A001/A101

On calculating visible positions of...

to come. To take into account parallaxes of stars (in necessary cases) and changes of refraction within a year, small corrections were introduced into small letters. Visible positions at the culmination instant at Pulkovo were calculated by Bessel's formula by means of an electronic computer 9B-80-3 (EV-80-3) receiving initial data from standard 80-column punched charts. It is noted that switching of calculations to analytical and electronic computers increased the accuracy of results on account of increasing the number of reserve symbols in formulae, and also allowances for parallax and changes of refraction within the year.

Kh. Potter

✓B

[Abstracter's note: Complete translation]

Card 2/2

*KREYNIN*

SMIRNOV, V.A., kand.fiz.-mat.nauk; KREYNIN, Ye.V.

Percolation method of connecting bore holes by means of high  
pressure air fracturing of coal seams. Podzem.gaz.ugl. no.4:  
24-28 '57. (MIRA 11:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Podzemgaz.  
(Coal gasification, Underground)

*A. N. KREYNIN, Ye. V.*  
KREYNIN, Ye. V.

Effect of some factors on the fire percolation method of  
connecting bore holes. Podzem.gaz.ugl. no.4:28-31 '57.  
(MIRA 11:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Podzemgas.  
(Coal gasification, Underground)

FEDOROV, N.A.; KREYNIN, Ye.V.

Preparation without mining of the Kuznetsk Basin "4th Inner"  
(9m. thick) coal seam. Podzem.gaz.ugl. no.2:6-10 '59.  
(MIRA 12:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut  
podzemnoy gazifikatsii ugley.  
(Kuznetsk Basin--Coal gasification, Underground)  
(Boring)

TURCHANINOV, I.A., kand.tekhn.nauk; KREYNIN, Ye.V.

Some aspects of exploiting and building gas producers in inclined  
and steeply pitching seams. Podzem.gaz.ugl. no.2:29-32 '59.  
(MIRA 12:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut  
podzemnoy gazifikatsii ugley.  
(Coal gasification, Underground)

KREYNIN, Ye.V.

Effect of coal seam thickness on fire drifting during the linking of boreholes. Podzem.gaz.ugl. no.4:35-40 '59.  
(MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Podzengaz.  
(Coal gasification, Underground)

KREYNIN, Ye, V.; FARBEROV, I.L.

Efficient hydrodynamic regime for the process of displacement of the  
combustion focus in a coal bed toward connecting boreholes. Trudy IGI  
13:125-130 '60. (MIRA 14:5)  
(Coal gasification, Underground)

KREYNIN, Ye.V.

Effect of the hydrodynamics of gas flow on the drift of the fire  
zone in a layer of coal fines. Nauch.trudy VNII Podzemgaza  
no.7:15-21 '62. (MIRA 15:11)

1. Laboratoriya gazifikatsii kamennoykh ugley Vsesoyuznogo  
nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii  
ugley.  
(Coal gassification, Underground) (Combustion)

KREYNIN, Ye.V.

Hydrodynamics of gas flow in a layer of coal fines. Nauch.trudy  
VNIIIPodzemgaza no.7:7-15 '62. (MIRA 15:11)

1. Laboratoriya gazifikatsii kamennyykh ugley Vsesoyuznogo  
nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii  
ugley. (Coal gasification, Underground) (Gas dynamics)

KREYNIN, Ye. V.

Effect of the volumetric speed of a reducing air stream on the  
indices of the process of fire flow-through connection linking.  
Nauch. trudy VNII Podzemgaza no.8:10-12 '62. (MIRA 16:6)

1. Laboratoriya gazifikatsii kamennyykh ugley Vsesoyuznogo  
nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii  
ugley. (Coal gasification, Underground)

GERSHEVICH, E.G.; KASHKIN, A.A.; KREYNIN, Ye.V.; REVVA, M.K.

Basic results of the work of the south Abinskiy underground  
gasification station in 1961. Nauch. trudy VNII Podzemgaza  
no.8:87-91 '62. (MIRA 16:6)

1. Laboratoriya gazifikatsii kamenmykh ugley Vsesoyuznogo  
nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii  
ugley i Yuzhno-Abinskaya stantsiya "Podzemgaz".  
(Abinskiy region—Coal gasification, Underground—  
Accounting)

KREYNIN, Ye.V.; ZABROVSKIY, A.S.; GERSHEVICH, D.G.

Analysis of the technological regimes of starting the  
exploitation of inclined gas-evacuation boreholes at the south  
Abinskiy underground gasification station. Nauch. trudy  
VNII Podzemgaza no.8:91-95 '62. (MIRA 16:6)

1. Laboratoriya gazifikatsii kamennyykh ugley Vsesoyuznogo  
nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii  
ugley i Yuzhno-Abinskaya stantsiya "Podzemgaz".  
(Abinskiy region--Coal gasification, Underground)

KREYNIN, Ye.V.

Effects of the linking distance on indices of fire flow-through  
connection linking in Kuznetsk Basin coal seam". Nauch. trudy  
VNII Podzemgaza no.10:42-45 '63. (MTRA 17:5)

1. Laboratoriya tekhnologii podzemnoy gazifikatsii kamennyykh ugley  
Vsesoyuznogo nauchno-issledovatel'skogo instituta podzemnoy  
gazifikatsii ugley.

KRETYANOV, V., kandid. tekhn. nauk

Effect of various factors on the heat of combustion of gas in  
underground gasification of coal. Trudy VNII Podzemgaza no.12;  
3-12 '64.

I. Laboratoriya gazifikatsii kamennikh ugley Vsesoyuznogo  
nauchno-issledovatel'skogo instituta podzemnoy gazifikatsii  
ugley.

KREYNINA, G.S.

Anomalous dispersion and absorption of aqueous solutions of sucrose, glucose, and levulose in the meter or the dielectric region of wave lengths. G. Krejina (Moscow State Univ.), *J. Exptl. Theoret. Phys. (U.S.S.R.)* 15, 298-30 (1945).—By the second method of Drude for 11 wave lengths from 30-300 cm., K. measured real and imaginary parts ( $\epsilon'$  and  $\epsilon''$ ) of dielectric permeability and high frequency die const. of an solns. of sucrose, levulose and glucose (concn. from 10 to 15% by wt.). The strong effect of anomalous dispersion was noted for solns. of high concn. Although this effect is in general agreement with the Debye theory, there are certain differences between the theoretical and exptl. curves. They can be explained by assuming erroneous measurements of viscosity and the presence of foreign ions. In order to est. the influence of these factors, polarization was calcd., and viscosities, and static conductivities of solns. were measured. Some discrepancies between the theory and exptl. still cannot be explained. R. Gamow

Sov Res. Inst. Physics Moscow State U.

AMERICA METALLURGICAL LITERATURE CLASSIFICATION

1. Kuz'mina, G. S.
2. USSR (60G)
4. electrons
7. Limits in the applicability of the electrolytic cell for studying electric fields.  
Vest. Nauk. un. 7 no.9. 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

913120 (1003,1137,1140)

S/109/60/005/008/020/024  
E140/E355

AUTHORS: Kreynina, G.S., Selivanov, L.N. and Shumskaya, T.I.

TITLE: Emission and Conductance of a Condenser-type  
Cathode

PERIODICAL: Radiotekhnika i elektronika, 1960, Vol. 5,  
No. 8, pp. 1338 - 1341

TEXT: Condenser-type cathodes have been produced and consist  
of aluminium-oxide films with a minimum film thickness of  
600 Å on aluminium bases. The experimental results indicate  
that the emission is a result of an intense electric field in  
the film. Two types of volt-ampere characteristics have been  
observed, monotonic, and curves with maximum. No theoretical  
explanations are advanced. There are 6 figures, 1 table  
and 4 Soviet references. ✓

SUBMITTED: December 21, 1959

Card 1/1

34046  
S/109/62/007/001/027/027  
D201/D301

24.7700 (1160, 1164, 1385)

AUTHOR: Kreynina, G.S.

TITLE: The maxima of volta ampere characteristics of Al-Al<sub>2</sub>O<sub>3</sub>-Ag structure cathodes

PERIODICAL: Radiotekhnika i elektronika, v. 7, no. 1, 1962,  
182 - 184

TEXT: In the present short communication the author gives the results of experiments carried out to determine the voltages at which maxima currents appear at the volt ampere characteristic of Al-Al<sub>2</sub>O<sub>3</sub>-Ag structure cathodes and to analyze the dependence of those voltages on the thickness of porous layers of Al<sub>2</sub>O<sub>3</sub>. Measurements were carried out with cathodes the film thickness of Al<sub>2</sub>O<sub>3</sub> of which was varied from 0.1 to 2.5 microns. The experiment has shown that peaks of current occur more easily at thicknesses of film between 0.3 to 1.5 microns. The static and dynamic L.F. volt ampere charac-

Card 1/2

34046  
S/109/62/007/001/027/027  
D201/D301

The maxima of volta ampere ...

teristics were taken; the following parameters were varied: Voltage applied (0 - 20V), thickness of the  $\text{Al}_2\text{O}_3$  layer, the degree of purity of the cathode base and of the oxidizing electrolyte. Aluminum AB-0000 (AV-0000) and monocrystalline aluminum was used for cathodes. The experiment has shown that it is possible to observe either maxima or sharp decreases of current on the characteristics for voltages between 0-20V. The maxima disappear when the cathode is cooled down to the temperature of liquid nitrogen. It was also determined that the position of maxima, within the measurement error, do not depend on the layer thickness. In the dynamic operation a saw-tooth voltage was used at a frequency of about 15 c/s obtained from a potentiometer, designed by technicians of the Department of Physics of MFTI; the oxidation of AV-0000 and of monocrystalline aluminum in a tartaric acid electrolyte was carried out by N.V. Ryumshina. There are 4 figures and 1 Soviet-bloc reference.

SUBMITTED: June 13, 1961

Card 2/2

KREYNINA, G.S.

Voltampere characteristics of cathodes with a metal-dielectric  
film-metal structure. Radiotekh. i elektron. 7 no.12:2096-2099  
D '62. (MIRA 15:11)  
(Cathodes)

KREYNIN, G.S.

Voltage-current characteristics of the conductivity of cathodes with metal-dielectric film-metal structure. Radiotekhnika i elektron 9 no.13;2051-2054 N '64.

Interaction of two diodes with metal-dielectric film-metal structure. Ibid.;2054-2056  
(MFA 12:12)

1. Moskovskiy fiziko-tehnicheskiy institut.

Chukhuryud, T. A., and L. Vaynshteyn, prof.; KREYNINA, I. B., KRAMER, E. M.

Differences in the climate of the Chukhuryud Health Resort zone  
on vegetative and functional changes in children and adolescents.  
Grozny, Dagestan, USSR, published in: Vestn. khir. i fiz. metod. lech.  
no. 9, 1965, p. 10-15.  
(MTRA 18:8)

GAGANOV, Sh.M., zasl. deyatel' nauki, prof.; IMANOV, S.Kh., MPREYNINA,  
L.E.; VURDIYEV, D.I.

Treatment of diseases of the peripheral nervous system at the  
Mardakyan Specialized Neurosomatic Sanatorium. Sbor. trud.  
Azerb. nauch.-issl. inst. kur. i fiz. metod. lech. no.9:  
118-121 '63.  
(MIRA 18:8)

KREYNIS M.A. KREYNIS M.A.

SUBJECT USSR/MATHEMATICS, APPLIED MATHEMATICS CARD 1/1  
AUTHOR KREYNIS M.A., VASCHTEIN I.M., KONSTANT N.P.  
TITLE On a tool for approximate numerical treatment  
PERIODICAL Doklady Akad. Nauk SSSR 192: 912-921 (1957)  
reviewed 4/1957

Let the function  $z = f(x,y)$  be defined and continuous in the rectangle  $a_1 \leq x \leq a_2$ ,  $b_1 \leq y \leq b_2$ . Besides let it be rigorously monotone in both variables (when the other variable is constant). The authors describe a tool which in a series of cases in the same rectangle permits the construction of a nomogram which corresponds to a function  $z = N(x,y)$  being little different from  $z = f(x,y)$ . Here not directly the nomogram of the function  $z = N(x,y)$  but its dual image is constructed.

KREYNIS, Z.L., inzh.

Ballast resistance to track displacement. Put' i put.khoz.  
4 no.1:23-24 Ja '60. (MIRA 13:5)

1. Starshiy dorozhnyy master Orlovskoy distantsii puti,  
stantsiya Orel.  
(Orel District--Balast(Railroads))

KREYNIS, Z.L., inzh. (g.Orel)

Track resistance to displacement. Put' i put.khoz. 4 no.10:  
32-33 0 '60. (MIRA 13:9)  
(Railroads--Track)

KREYNIS, Zosim Leybovich; KOTOV, Sergey Ivanovich; IVANOV, Anatoliy Petrovich; POTOTSKIY, G.I., inzh., red.; MEDVEDEVA, M.A., tekhn. red.

[Communist labor railroad division; experience of the Orlovskaya division of the Moscow Railroad] Distantsiia puti kommunisticheskogo truda; opyt Orlovskoi distantsii Moskovskoi dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniya, 1961. 60 p.

(MIRA 14:7)

(Railroads—Maintenance and repair)

KOTOV, S.I.; KREYNIS, Z.L., inzh.

Use of hydraulic equipment for track alignment. Put' i put.  
khoz. 5 no.7;14-15 J1 '61. (MIRA 14:8)

1. Stantsiya Orel, Moskovskoy dorogi. 2. Zamestitel' nachal'nika  
Orlovskoy distantsii, Moskovskoy dorogi (for Kotov).  
(Railroads—Track)  
(Railroads—Hydraulic equipment)

KREYNIS, Z.L., inzh.

Need for an accurate determining of rail temperature. Pat' i put,  
khoz. 8 no. 6:15-16 '64.  
(MIRA 17:3)

KREYNIS, Z.L., aspirant

Dynamic stability of the track. Vest. TSNII MPS 22 no.8:58-61  
'63.  
(MIRA 17:2)

1. Vsesoyuznyy zaochnyy institut inzhenerov zheleznodorozhnogo  
transporta.

KREYNIS, Z.L.

Method of calculating the temperature amplitude of rail  
lengths. Uch.zap. VZIIT no.13:45-58 '64.

(MIRA 19:1)

KREYNIS, Z.L., inzh.

Improve the maintenance of station tracks in the plane. Put!  
1 put. khoz. 7 no.11:19 '63. (MIRA 16:12)

KRESYNYUK, G.A.

The M-10 automatic type-setting and line-founding machine.  
Biul.tekh.-ekon.inform. no.3:46-48 '60.

(MIRA 13:6)

(Printing machinery and supplies)

L 13925-65 EAT(m)/EPF(c)/T Pr-4 WE  
ACCESSION NR: AT5008630

8/29/3/64/007/000/0180/0188

AUTHORS: Obolentsev, R. D. (Doctor of chemical sciences); Lebedeva, M. N.; Kreys, E. A.; Lyapina, N. K.; Soskova, I. M. (Candidate of physico-mathematical sciences)

TITLE: Extraction of organo-sulfur compounds from petroleum products

SOURCE: AN SSSR. Bashkirskiy filial. Khimiya seraorganicheskikh soyedineniy, soderzhashchikhsya v naftyakh i nefteproduktakh, v. 7, 1964, 180-188

TOPIC TAGS: petroleum, sulfur, organic compound, distillation, extracting agent, dearomatization, desulfuration

ABSTRACT: The authors point out the need of knowing the distribution of phases among petroleum products in order to solve problems concerning extraction and extractive distillation of organo-sulfur products. Investigations were made on organo-sulfur compounds dissolved in distillate fractions of high-sulfur Kazan kava petroleum subjected to preliminary dearomatization and desulfuration. The characteristics of the extracting agents were tabulated. The organo-sulfur compounds were dissolved in the distillate, held at 20°C for 20-30 minutes, shaken for 10 minutes, and then let stand at the same temperature till the material

Card 1/2

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ACCESSION NR: AT5008630

settled into distinct layers (1-6 hours). The phases were then separated, weighed, and analyzed. The concentration of organo-sulfur compounds was determined in both extracted and refined phases. The experiments show that sulfo-organic compounds may be 90% extracted from petroleum fractions and may be concentrated by a factor of 10-17 with a single run of raw material in the solvent. Best extraction was obtained for the systems: acetic anhydride--122-150° fraction--2-ethyl thiophene, and furfuryl alcohol--95-122° fraction--thiophane. Orig. art. has: 3 figures and 5 tables.

ASSOCIATION: Institut organicheskoy khimii BashFAN SSSR (Institute of Organic Chemistry, Bashkirian Branch, AN SSSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, 00

NO RRF Sov: 000

OTHER: 003

*ls*  
Card 2/2

POLYAKOV, M.T.; NEVYAZHSKAYA, Ye.A.; KREYS, M.A.

Measures for improving the operation of peat gas generator  
plants. Gaz. prom. no. 7:11-14 J1 '58. (MIRA 11:7)  
(Peat gasification)  
(Gas producers)

NEVIAZHSKAYA, Ye.A.; KREYS, M.A.; NIKULIN, N.Ya.

Industrial gasification of coal of the Ekibastuz deposit. Gas.prom.  
4 no.8:14-16 Ag '59. (MIRA 12:11)  
(Ekibastuz Basin--Coal gasification)

OYAMAA, E. [Ojaman, E.], kand.tekhn.nauk; KREYS, U. [Kreis, U.], inzh.

Protecting shale-fly ash concrete by impregnating it with petrolatum. Trudy NIIZHB no.22:139-141 '61. (MIRA 14:10)

1. Institut stroitel'stva i stroitel'nykh materialov AN Estonskoy SSR.  
(Frost resistant concrete) (Petrolatum)

2140. Kreysberg, A. Ya.

Peredovoy Opyt A. I. Maslovoy I Drugikh Nova Torov Azotnoy Promyshlennostn.  
Pod Red. A. I. Sebtsova. M., Goskhi Mizdat, 1954. 72 s.s. Ill. 20 sm. (M-Vo  
Khim. Prom-sti SSSR. Novatory Khim Prom-sti. Glav, Upr. Azotnoy Prom-sti.  
Otraslevoye Byuro Tekhn. Informatsii Gos. In-Ta Azotnoi Prom-sti). 2.000  
EKZ. Bespl. Sost. Ukarazan Na Oborote TIT. L.-  
(54-56004)p

661.2635

KREYSBERG, A.Ya.

The best instrument tenders in the ammonia industry. Khim.prom.  
no.3:167-169 Ap-My'55. (MLRA 8:10)  
(Chemical industries) (Ammonia)

KREYSBERG, A.Ya.

Better supervision of socialist competition and the dissemination  
of progressive practices in the nitrogen industry. Khim.prom.no.5:  
315-317 Jl-Ag '55. (MLRA 9:1)

(Nitrogen industry)

KREYSBERG, A.Ya.

Progressive workers in ammonia production. Khim.prom.no.6:  
374-377 S '55. (MLRA 9:1)  
(Ammonia)

KREYSBERG, A.

Progressive workers in the ammonia industry. Khim.prom. no.2:  
124-126 Mr '56. (MIRA 9:8)  
(Ammonia)

KREYSBERG, A.Ya.

KREYSBERG, A.Ya.

Conference on mineral fertilizers. Khim.prom. no.5:318 Jl-Ag '57.  
(MIRA 10:12)

(Fertilizers and manures--Congresses)

KREYSBERG, A.Ya.

Conference on the modernization of equipment and  
intensification of technological processes. Khin.prom. 2:  
167 My '60. (MIRA 13:?)  
(Chemical engineering--Congresses)

S/064/60/000/03/22/022  
B010/B008

AUTHOR: Kreysberg, A. Ya.

TITLE: Conference on the Increase of Ammonia Production

PERIODICAL: Khimicheskaya promyshlennost', 1960, No. 3, p. 263

TEXT: A technical conference on the above-mentioned problem was held by the Goskhemkomitet and GIAP (State Institute of the Nitrogen Industry) in Moscow in March of this year jointly with representatives of sovnarkhoz, plants and institutes. Among other things it was stated that a 26% increase of ammonia production was achieved at the Dneprodzerzhinskiy azotnotukovyy zavod (Dneprodzerzhinsk Nitrogen Fertilizer Plant) compared with 1954, an 18% increase at the Gorlovskiy azotnotukovyy zavod (Gorlovka Nitrogen Fertilizer Plant), and a 13% increase at the Stalino-gorskiy khimicheskiy kombinat (Stalinogorsk Chemical Kombinat). Better results were obtained with columns of 800 mm diameter at the Lisichanskiy khimicheskiy kombinat (Lisichansk Chemical Kombinat) and Bereznikovskiy azotnotukovyy zavod (Berezniki Nitrogen Fertilizer Plant), and with columns of 700 mm diameter at the Stalinogorsk Chemical Kombinat. GIAP

Card 1/3

Conference on the Increase of Ammonia Production S/064/60/000/03/22/022  
B010/B008

jointly with the Kemerovskiy azotnotukovyy zavod (Kemerovo Nitrogen Fertilizer Plant) developed and introduced a new catalyst which permits a production increase by 15%. A regenerating process for the catalyst was worked out jointly with the DATZ and the Stalinogorsk Chemical Kombinat. A method for simultaneous hydrogenation of CO and CO<sub>2</sub> was worked out by the GIAP jointly with the Rustavskiy azotnotukovyy zavod (Rustavi Nitrogen Fertilizer Plant). The Lisichansk Branch of the OKBA, the GIAP and the Lisichansk Chemical Kombinat carried out investigations on the automation of ammonia production, as well as the Tsentral'nyy nauchno-issledovatel'skiy institut kompleksnoy avtomatizatsii (TsNIika) (Central Scientific Research Institute of Comprehensive Automation). The Lisichansk Branch of the Institut avtomatiki Gosplana USSR (Institute of Automation of the Gosplan of the UkrSSR) started the construction of a regulating machine of the type "Avtodispetcher" for the regulation of ammonia production. Besides the above-mentioned successful activities, some deficiencies were pointed out at the Conference: the Institut upravlyayushchikh vychislitel'nykh mashin (Institute of Regulating Computers), GIAP, and TsNIika are carrying out too slowly the work for the automation of ammonia production at the Stalinogorsk Chemical Kombinat. The NIIkhimmash is dealing insufficiently with the automation of gas compressors at the same Kombinat.

Card 2/3

Conference on the Increase of Ammonia Production S/064/60/000/03/22/022  
B010/B008

A strict inspection of the ammonia-producing works will be carried out in the nitrogen industry in 1960 and 1961, and a plan for the modernization of installations and gas cleaning will be set up by the GIAP jointly with the plants. The central laboratories, the Institutes of the Academy of Sciences, USSR, and other scientific organizations are to be consulted for the further development of catalysts. Besides, a number of measures for expanding the automation of ammonia production are to be carried out.

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Card 3/3

IVANOVSKIY, F.P., kand. tekhn. nauk, red.; FURMAN, M.S., doktor  
khim. nauk, red.; SAMARIN, B.P., red.; KRICHEVSKIY, I.R., prof.,  
doktor khim. nauk, red.; GOLUBEV, I.F., doktor tekhn.nauk,red.;  
KRASIL'SHCHIKOV,A.I., doktor khim. nauk, red.; KLEVKE, V.A.,  
kand. tekhn. nauk, red.; LEVCHENKO, G.T., kand. khim. nauk,red.;  
GEL'PERIN, I.I., kand. tekhn. nauk, red.; OYSTRAKH, M.L., red.;  
KREYSBERG, A.Ya., red.; TSUKERMAN, A.M., red.; KOGAN, V.V.,  
tekhn. red.

[Chemistry and technology of the products of organic synthesis;  
intermediate products for the synthesis of polyamides] Khimia  
i tekhnologiya produktov organicheskogo sinteza; poluprodukty  
dlia sinteza poliamidov. Moskva, Goskhimizdat, 1963. 255 p.

(MIRA 17:3)

1. Moscow. Gosudarstvennyy nauchno-issledovatel'skiy i proyekt-  
nyy institut azotnoy promyshlennosti. 2. Zamestitel' direktora  
Gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo instituta  
azotnoy promyshlennosti (for Ivanovskiy). 3. Zamestitel' direktora  
po nauchnoy chasti Gosudarstvennogo nauchno-issledovatel'skogo i pro-  
yektnogo instituta azotnoy promyshlennosti (for Furman). 4. Glavnyy  
inzhener Gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo  
instituta azotnoy promyshlennosti (for Samarin). .

KREYSBERG, A.YA.

All-Union Branch Conference of the Representatives of the Nitrogen  
Industry. Khim. prom. 40 no.8:629-630 Ag '64. (MIRA 18:4)

KREYSBERG, V.M.

Electronic time relay. Trudy VIIIE no.8:249-250 '59.

(Electric relays)

(MIRA 13:9)

KREYSER, Ryszard, inz.

New techniques in the construction of Polish radio receivers.  
Przegl techn no.34:4-5 24 Ag '60.

KREYSHA, L.A.; KOZYREV, V.A.

Meetings of the Scientific Society of Neurosurgeons of  
Moscow and Moscow Province; a brief report for 1961. Vop.  
neirokhir. 26 no.5:58 S-0'62 (MIRA 17:4)

KHESHMAN, K. K. In Latvian.

KHESHMAN, K. K. -- "Constructional Protection of Wood Elements of Buildings Against Rotting." Latvian State U, 1954. In Latvian (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

MATSUK, Yu.P., inzhener; TVERDOVSKIY, G.I., inzhener; KREYSINA, R.A.;  
PUSHKAREV, G.P., inzhener; SAVCHENKO, N.Ya., inzhener.

Cooling the horizontal barrels of screw presses. Masl.-zhir.  
prom.21 no.2:9-11 '56. (MLRA 9:7)

1.Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo  
instituta zhivot (for Matsuk, Tverdovskiy, Kreysina).2.Namanganskiy  
maslozavod (for Pushkarev, Savchenko).  
(Oil industries--Equipment and supplies)

RZHEKHIN, V.P., starshiy nauchnyy sotrudnik; BODYAZHINA, Z.I.; VENGEROVA, N.V.; VISHNIPOL'SKAYA, F.A.; GALUZHINA, N.A.; GAVRILENKO, I.V.; GRAUERMAN, L.A.; IRODOV, M.V.; KARANTSEVICH, L.G.; KREYSINA, R.A.; KUPCHINSKIY, P.D.; LEVIT, M.S.; LEONT'YEVSKIY, K.Ye.; LITVINENKO, V.P.; LYUBCHANSKAYA, Z.I.; MAZYUKOVICH, V.A.; MAKOVSKAYA, N.K.; NEVOLIN, P.V.; POGONKINA, N.I.; POPOV, K.S.; PREMET, G.K.; SARKISOVA, V.G.; SEMENOV, Ye.A.; STERLIN, B.Ya.; SERGEYEV, A.G., kand.tekhn.nauk, obshchiy red.; PRITYKINA, L.A., red.; TARASOVA, N.M., tekhn.red.

[Technical and chemical production control and accounting in the oils and fats industry] Tekhnokhimicheskii kontrol' i uchet proizvodstva v maslodobyvaiushchsei i zhiroperekabatyvaiushchsei promyshlennosti. Moskva, Pishchepromizdat. Vol.1. 1958. 403 p.  
(Oil industries) (MIRA 13:1)

KREYSKOP, M.L.

Axial force calculations of a rectangular foundation and simultaneous action moments in both major surfaces of the foundation without accounting for tensile stress. Stroi.prom.32 no.1:14  
Ja '54. (MLRA 7:2)  
(Foundations)

KREYSKOP, M.L., inzh.

Structural design of pumping station buildings on main pipelines.  
Stroi.truboprov. 3 no.12:12-15 D '58. (MIRA 12:1)  
(Pipelines) (Industrial buildings)

KREYSKOP, V.N.

5

1512. INVESTIGATION OF COMPOSITION OF INDUSTRIAL  
ISOPENTENE. Nikolicova, V.G., Zinov'ev, K.I. and Kreyskop, V.N. (Ref. No. 16,  
Zhurn. Naftopererab. (Nefte Petrol. Techn.), Prezheval'sk, Naukpol, 1956, (1),  
10-14; cited in Ref. Zh. Khim. (Ref. J. Chem., Moscow), 1956, (22), 7260). X  
Isopentene fractions were examined by combustion calorimetry of 11.5%  
barred fractions. Industrial iso-pentene consists mainly of isopentenes with three, two and one  
methyl groups, of which 2,3,4-trimethylpentene predominates (77.6%). It also  
contains 5% of hydrocarbons with octane numbers below those of the basic  
gasolines to which they are added, and 0.75% of naphthalene hydrocarbons.

P.M. 04-6

L'VOV, Ye.D., professor [author]; KREYSLER, A.A., kandidat tekhnicheskikh nauk [reviewer].

"Tractor theory." E.D. L'vov. Reviewed by A. A. Kreisler. Avt. trakt. prom. no. 7:32-3 of cover. Jl '53. (MLRA 6:8)

1. Nauchno-issledovatel'skiy avtotraktornyj institut (for Kreysler).  
(Tractors) (L'vov, E.D.)

KREYSLER, A. A.

USSR/Engineering - Power lead-in cables

Card 1/1 : Pub. 12 - 7/16

Authors : Kreysler, A. A., and Ivanov, V. V.

Title : The characteristics of a drag-type lead-in cable for an electrically powered tractor

Periodical : Avt. trakt. prom. 8, 20-24, Aug 1954

Abstract : The editorial gives some information concerning the design and calculation of drag-type lead-in cables for electrically powered tractors operated from a portable transformer substation. Mathematical tabulations for calculating electrical and mechanical requirements for the cables are presented. Two USSR references; (1934 and 1938). Tables; diagrams; graphs.

Institution : ..... Sci Automotive Inst, Moscow Auto Plant im Stalin

Submitted : .....

L 04251-67 EWT(d)/LWT(m)/EWP(f)/T DJ  
ACC NR: AP6005389 (N) SOURCE CODE: UR/0413/66/000/001/0140/0140

AUTHORS: Kreysler, A. A.; Gorodetskiy, K. I.; Gluzman, I. A.

23  
22

ORG: none

B

TITLE: An axial piston pump. Class 59, No. 177774

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 140

TOPIC TAGS: axial pump, fluid pump

ABSTRACT: This Author Certificate presents an axial piston pump with a support on the intake and with a rotating cylinder block. The pump includes connecting rods with double-sided joints. One of the joints is connected with the piston and the other with the socket (see Fig. 1). The socket is mounted on one of the axial holes of the drive shaft flange and transmits the pressure force of the liquid being pumped through the hydrostatic bearing to the pump casing. The design reduces the leakage and increases the pump efficiency. The axial holes in the drive shaft flange run clear through, and each socket mounted in the hole contacts its flat face directly with the casing or is connected with a fixed part of the casing. Each socket has a recess in its flat face and is connected by axial channels to the connecting rod and the piston and to the proper operating chamber. This arrangement provides the

Card 1/2

UDC: 621.659

L 07251-67

ACC NR: AP6005389

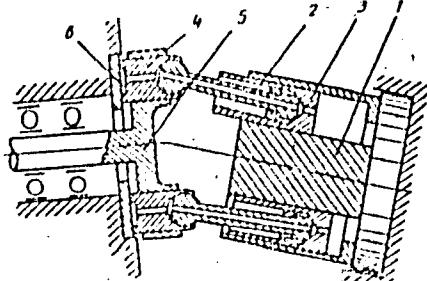


Fig. 1. 1 - cylinder  
block; 2 - connecting  
rods; 3 - pistons;  
4 - socket; 5 - drive  
shaft; 6 - recess in  
the socket

individual hydrostatic bearing of each piston and the correspondence between the back pressure in the bearing and the pressure in the operating chamber. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 02Jun62

Cord 2/2 FV

KREYSLER, A.A., kand.tekhn.nauk; PLYZHNIKOV, A.I., kand.tekhn.nauk

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